

## Message Text

SECRET

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42

ACTION SS-25

INFO OCT-01 ISO-00 SSO-00 NSCE-00 CIAE-00 DODE-00 INRE-00

AECE-00 /026 W

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O 171126Z OCT 74

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC IMMEDIATE 3510

S E C R E T MOSCOW 15719

EXDIS

E. O. 11652: XGDS-3

TAGS: PARM, US, UR, OEXD

SUBJ: TTBT/PNE NEGOTIATIONS

MOSCOW PNE TWENTY TWO

REF: STATE PNE MESSAGE EIGHT

1. ANSWERS TO QUESTIONS ASKED OF FLEMING BY MYASNIKOV WERE  
AS FOLLOWS:

QUOTE: NYASNIKOV: THANK YOU FOR THE VERY INTERESTING TALK  
ABOUT YOUR PROGRAM BUT YOU ARE PLANNING PNES IN NON-COMMERCIAL  
GAS AND OIL SHALE DEPOSITS. HAVE YOU STUDIED THE POSSIBILITY  
OF USING PNES IN EXISTING COMMERCIAL OIL AND GAS FIELDS AND  
DO YOU HAVE ANY RESULTS?

FLEMING: NO, WE HAVE NO PLANS FOR SUCH APPLICATIONS.

MYASNIKOV: WHAT IS THE STATE OF YOUR PLOWSHARE GEO-THERMAL  
PROGRAM? WILL YOU DEVELOP IT? IS IT IN YOUR PROGRAM?

FLEMING: IT HAS BEEN CONSIDERED BUT WE BELIEVE NOW THAT  
THERE ARE MORE ECONOMICAL WAYS, AT LEAST IN CERTAIN FOR-  
MATIONS, THAN USING PNES.

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MYASNIKOV: WHAT IS THE STATE OF YOUR PANAMA CANAL PROJECT?

IS IT OBSOLETE? IF NOT, WHY NOT?

FLEMING: THE PANAMA CANAL REPORT SAID THAT INSUFFICIENT EXCAVATION EXPERIMENTS HAD BEEN CARRIED OUT TO ENABLE US TO RELY ON THE NUCLEAR METHOD FOR THAT PROJECT. REPORT WENT ON TO SAY THE US SHOULD CONTINUE EXPERIMENTAL RESEARCH AND DEVELOPMENT WORK BUT WE HAVE NOT. THE STATE OF AFFAIRS IS THE SAME AS IN 1969. IF WITHIN SAY THE NEXT TEN YEARS THE CANAL WERE TO BE DUG, IT WOULD HAVE TO BE DONE CONVENTIONALLY.

MYASNIKOV: WHAT WAS THE MINIMUM DIAMETER OF CASING PIPE IN YOUR GAS STIMULATION OR OIL SHALE EXPERIMENT?

FLEMING: THE NOMINAL DIAMETER WAS 9 5/8THS INCHES. THE OUTER CASING OF THE EXPLOSIVE WAS UNDER 8 INCHES.

END QUOTE.

2. WITH REGARDS TO PARAGRAPH TWO OF REFERENCE MESSAGE, YOU ARE CORRECT IN THAT REFERENCE TO MOSCOW 15147 SHOULD BE TO MOSCOW 15157. A SUMMARY OF MOSCOW PNE MESSAGES FOLLOWS:

MOSCOW PNE NUMBER MOSCOW NUMBER DAY/TIME GRP

|       |       |                |
|-------|-------|----------------|
| ONE   | 15144 | 071651Z OCT 74 |
| TWO   | 15145 | 071709Z OCT 74 |
| THREE | 15157 | 080830Z OCT 74 |
| FOUR  | 15259 | 091432Z OCT 74 |
| FIVE  | 15262 | 091440Z OCT 74 |
| SIX   | 15272 | 091512Z OCT 74 |
| SEVEN | 15275 | 091548Z OCT 74 |
| EIGHT | 15349 | 101340Z OCT 74 |
| NINE  | 15373 | 102139Z OCT 74 |

(STOESSEL/BUCHHEIM - MOROKHOV/TIMERBAEV CONVERSATION, OCT 10)

|        |       |                |
|--------|-------|----------------|
| TEN    | 15433 | 111438Z OCT 74 |
| ELEVEN | 15437 | 111523Z OCT 74 |

(SUMMARY OF OCT 11 PLENARY)

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|        |       |                |
|--------|-------|----------------|
| TWELVE | 15494 | 121503Z OCT 74 |
|--------|-------|----------------|

(SUMMARY OF INGLEY/WILSON - KOCHETKOV CONVERSATION, OCT 11)

|          |       |                |
|----------|-------|----------------|
| THIRTEEN | 15496 | 121640Z OCT 74 |
| FOURTEEN | 15497 | 121640Z OCT 74 |

(REVIEW OF FIRST WEEK'S MEETINGS)

FIFTEEN        15517        141635Z OCT 74

(SUMMARY OF OCT 14 PLENARY)

SIXTEEN        15555        151256Z OCT 74

SEVENTEEN        15579        151617Z OCT 74

EIGHTEEN        15580        151743Z OCT 74

(VERBATIM FLEMING PRESENTATION, OCT 15)

NINETEEN        15581        151732Z OCT 74

TWENTY        15582        151744Z OCT 74

(SUMMARY OF OCT 15 PLENARY)

TWENTY-ONE        15631        161200Z OCT 74

(MYASNIKOV PRESENTATION, OCT 14)

3. FULL TEXT OF PARAGRAPH ONE OF MOSCOW 15517 (PNE NUMBER FIFTEEN) SHOULD BE:

QUOTE: 1. MEETING BEGAN AT 4:15 P.M. STOESSEL BEGAN BY NOTING THAT SINCE WE BEGAN OUR DISCUSSIONS WE HAVE IDENTIFIED A NUMBER OF KEY ISSUES AND, BEFORE WE START OUR WORK THIS WEEK, HE BELIEVED IT WOULD BE BENEFICIAL TO REVIEW BRIEFLY SOME OF THESE POINTS. STOESSEL THEN REITERATED OUR CRITERIA AND CONCERNS AND INTRODUCED ROMNEY TO DISCUSS SOME OF THE SEISMIC ISSUES THAT ARE INVOLVED IN VERIFICATION OF PNES. STOESSEL NOTED THAT ROMNEY'S REMARKS WOULD BE CONFINED TO DISCUSSION OF PROBLEMS INVOLVED IN SEISMIC DETERMINATION OF YIELD OF PNES OUTSIDE THE BOUNDARIES OF SPECIFIED WEAPONS

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TEST SITES. END QUOTE.

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## Message Attributes

**Automatic Decaptioning:** Z  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** NUCLEAR OPERATIONS, PANAMA CANAL PROJECT, OIL SHALE  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 17 OCT 1974  
**Decaption Date:** 28 MAY 2004  
**Decaption Note:** 25 YEAR REVIEW  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** shawdg  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
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**Previous Classification:** SECRET  
**Previous Handling Restrictions:** EXDIS  
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**Review Authority:** shawdg  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 10 JUN 2002  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <10 JUN 2002 by rowelle0>; APPROVED <19 MAR 2003 by shawdg>  
**Review Markings:**

Declassified/Released  
US Department of State  
EO Systematic Review  
30 JUN 2005

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** TTBT/PNE NEGOTIATIONS MOSCOW PNE TWENTY TWO  
**TAGS:** PARM, OEXC, MNUC, US, UR  
**To:** STATE  
**Type:** TE  
**Markings:** Declassified/Released US Department of State EO Systematic Review 30 JUN 2005